

## Crops

## MacDon tools on tour

By DAN CRUMMETT

**M**ACDON enters 2008 with a newly unveiled fleet of harvesting equipment designed to emphasize the firm's trade moniker, the Harvesting Specialists. The new line includes improved hay forage equipment and harvest headers.

Producers will have a chance to see this equipment in action during the firm's Cut Across America Tour which begins in California and Arizona in March, and continues into New Mexico, Texas and Oklahoma. The tour will then turn north, harvesting crops available until it ends in Canada. For more, go to [www.cutacrossamerica.com](http://www.cutacrossamerica.com).

**Windrowers.** The 2008 lineup includes a new rendition of the firm's SP Windrower with features to make it more productive in the field and faster

## Key Points

- MacDon launched a new line with its Cut Across America Tour.
- New flex and rigid header technology was unveiled.
- Upgraded M series windrowers promise faster harvesting, representatives say.

on the highway.

The new M series self-propelled windrower features MacDon's patented Dual Direction technology, which allows 180-degree rotation of the operator station for road stability. The machines have a top field speed of 16 mph and a top road speed of 23 mph.

They come in two models: the M150 and the M200. The M150 is powered with a 130-horsepower, 4.5-liter turbo QSB Cummins diesel engine that delivers an additional 10 hp as the load increases.

The M200 is moved by a 213-hp, 6.6-L Perkins turbo diesel that can knock out 220 hp as rpm drops.

The M series also has a fully computerized header control and monitoring system to provide the operator with real-time readouts of the header's cutting performance. In addition, the M series has a 45-inch stance for clearance of large windrows and sports a new hydraulic header drive with load-sensing circuits to keep up with varying loads.

**Rotary mower.** Another entry in this year's MacDon rollout is an all-new rotary disk mower: the R80. Hydraulically driven, the R80 provides a high-capacity pump and motor for faster cutting speeds under heavy conditions. The new model uses fewer moving parts than some competitive disk mowers, and features heat-treated cutting and wear components for im-



**NEW SERIES:** MacDon's new M series windrowers come in M150 and M200 (shown) models with upgraded engines for more efficient harvesting and a tall, wide stance for windrow clearance.

proved reliability.

One of the features of the R80 is its articulated power turn hitch, which yields extremely accurate maneuverability, enabling the tractor operator to make much tighter turns than with conventional mowers. The R80 pull-type is available with a 13-foot cutting width, and in 13- and 16-foot widths as a header for the new M series windrowers.



**R80 ROTARY MOWER:** The new R80 rotary mower comes in either this pull-type configuration or as a header for the new M80 SP MacDon windrowers also unveiled this year.

**THREE-SECTION HEAD:** The new MacDon FD70 draper features a three-section flex technology that can be locked into a single rigid unit for all types of field conditions. The FD70 comes in 30-, 35-, and 40-foot widths.



**A SERIES:** Complete operator control of conditioning is possible with the new A series auger, as patented N-bars provide action from "kink" to gentle crushing. The augers are configured for use on pull-type harvesters or SP windrowers.

**Draper flex header.** The company's new 40-foot FD70 draper flex header brings a unique three-section flex frame to allow ground-hugging ability and a balanced floating action in undulating fields. While on level ground, the three sections lock together to form a rigid profile header, offering extensive flexibility for field conditions.

The header rides on powerful coil springs to meet the changing contours of rolling fields and maintains a close relationship between the reel and the knives for improved harvest efficiency.

MacDon has equipped the FD70 with an auto header height control (Float Optimizer), which allows the header to automatically adjust floatation to ground conditions, eliminating the need for constant adjustments. The FD70 is available for most current model combines (Class 6 up to Class 9) and comes in a 30- and 35-foot version for those wanting a smaller header.

**Rigid draper header.** The new D60 draper header from MacDon shows steady improvement on the company's successful 972 harvest header, promising 40% more capacity for today's largest combines and MacDon's new M series windrower tractors. Available in up to 45-foot widths, the D60 features a hydraulic knife drive, larger-capacity motors, sealed roller bearings and V-guide reversible drapers, and a from-the-ground-up redesigned PR15 pickup reel. The D60 comes in 15-, 20-, 25-, 30-, 35- and 40-foot widths for combine and SP applications. The 45-foot header is not available for SP windrowers.

**A series auger.** MacDon's lineup continues with the new A series auger for hay and forage harvesting, in pull-type and SP header models. Improvements on the new auger include adjustable conditioning, a new heavy-duty cutter bar design and beefier construction.

The augers feature N-bar conditioner rolls, which provide conditioning from "kink" to a gentle crushing action. The operator also can switch between close cut and longer stubble cutting lengths with manual or optional hydraulic guard angle adjustment on all models. The pull-type augers are being released in 14- and 16-foot cutting widths. SP models are 14-, 16- and 18-foot widths.

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